



City of Aberdeen

Building Department
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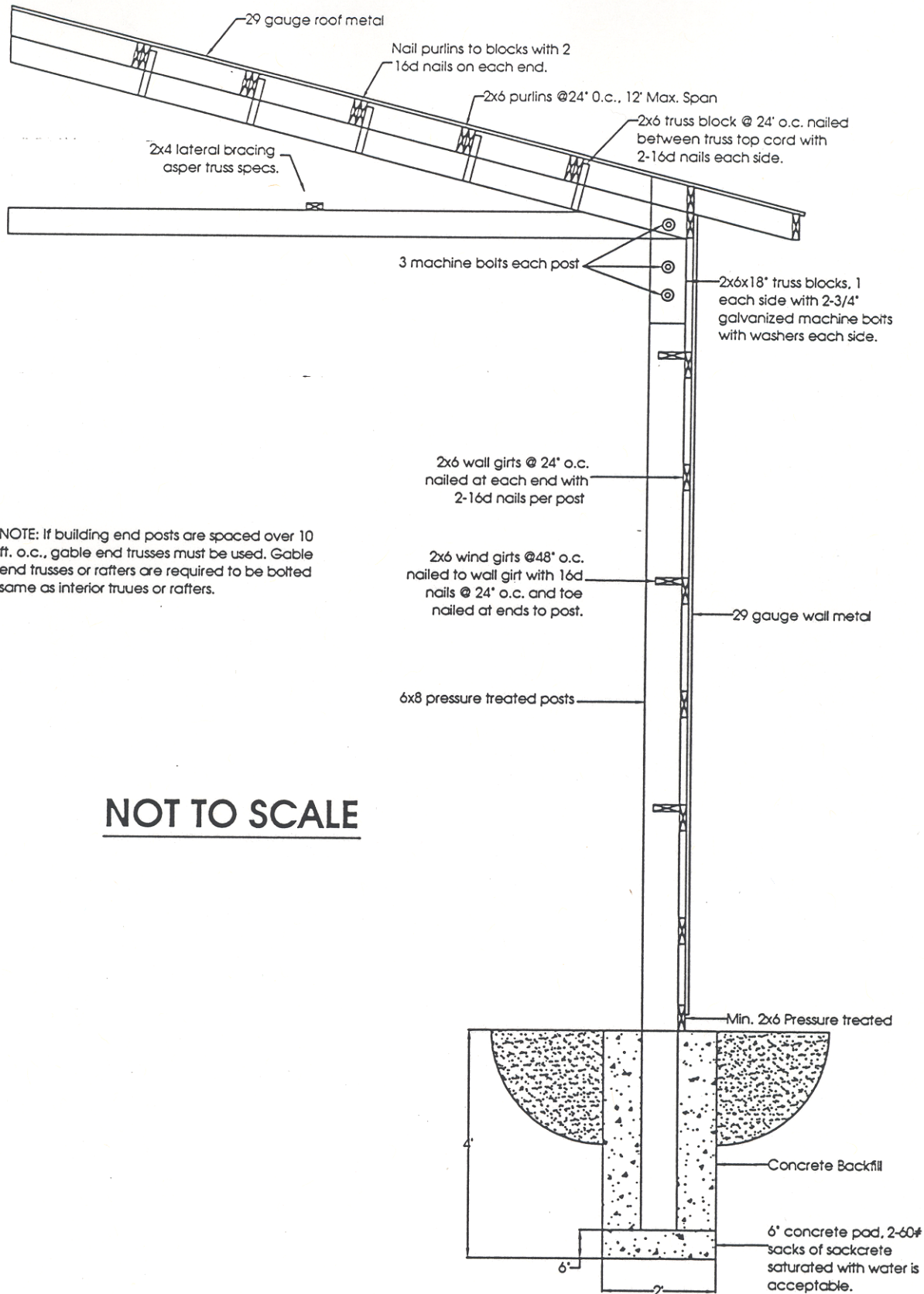
NON-ENGINEERED POLE BUILDING REQUIREMENT

The City of Aberdeen does not require engineered plans for pole buildings constructed in accordance with the following standards.

Building Length-	Unlimited.
Building Width-	30 feet maximum.
Eave Height-	14 feet maximum.
Post Spacing-	Side Wall - 12 feet maximum. End Wall - 10 Feet Maximum.
Post Size-	6"x8" HF #2 pressure treated for ground contact.
Post Holes-	24" in, diameter by 4' deep into UNDISTURBED soil.
Footings-	6" deep concrete footing shall be provided at the bottom of post holes.
Backfill-	Postholes shall be backfilled with concrete.
Wall Girts-	2"x6" wall girts @ 24" o.c., with 2"x6" wind girts @ 48" O.c.
Roof Purlins-	Shall be a minimum of 2"x6" DF #2 and shall be overlapped at supports by not less than 1 foot and nailed together with no less than 4 - 16d nails and connected to 2"x6" through truss blocks with 2 - 16d nails on each side.
Trusses-	Shall be pre-engineered and pre-manufactured. Trusses shall be connected to the posts with 1-3/4" through bolt with nut and washers and shall set on a 2x6"x18" truss block connected to the post with 2 - 3/4" through bolts with nut and washers. Engineered truss specifications shall be on-site for the framing inspection and the bottom chords shall be braced in accordance with the manufactures requirements.

The following pole buildings are required to be designed by a licensed engineer:

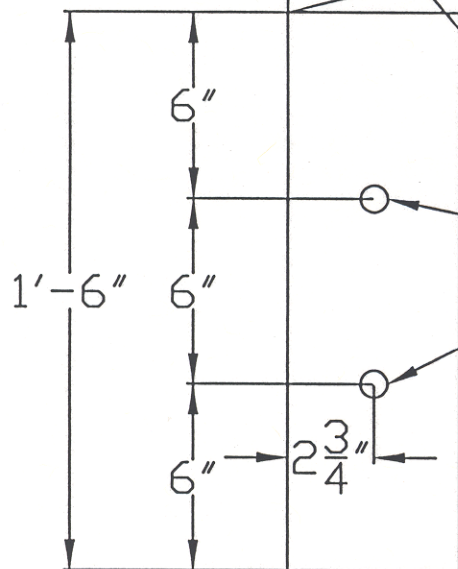
1. All pole buildings exceeding 30 feet in width.
2. All pole buildings with a eave height exceeding 14 feet.



NOT TO SCALE

TYPICAL POLE BUILDING CROSS SECTION

CENTERED

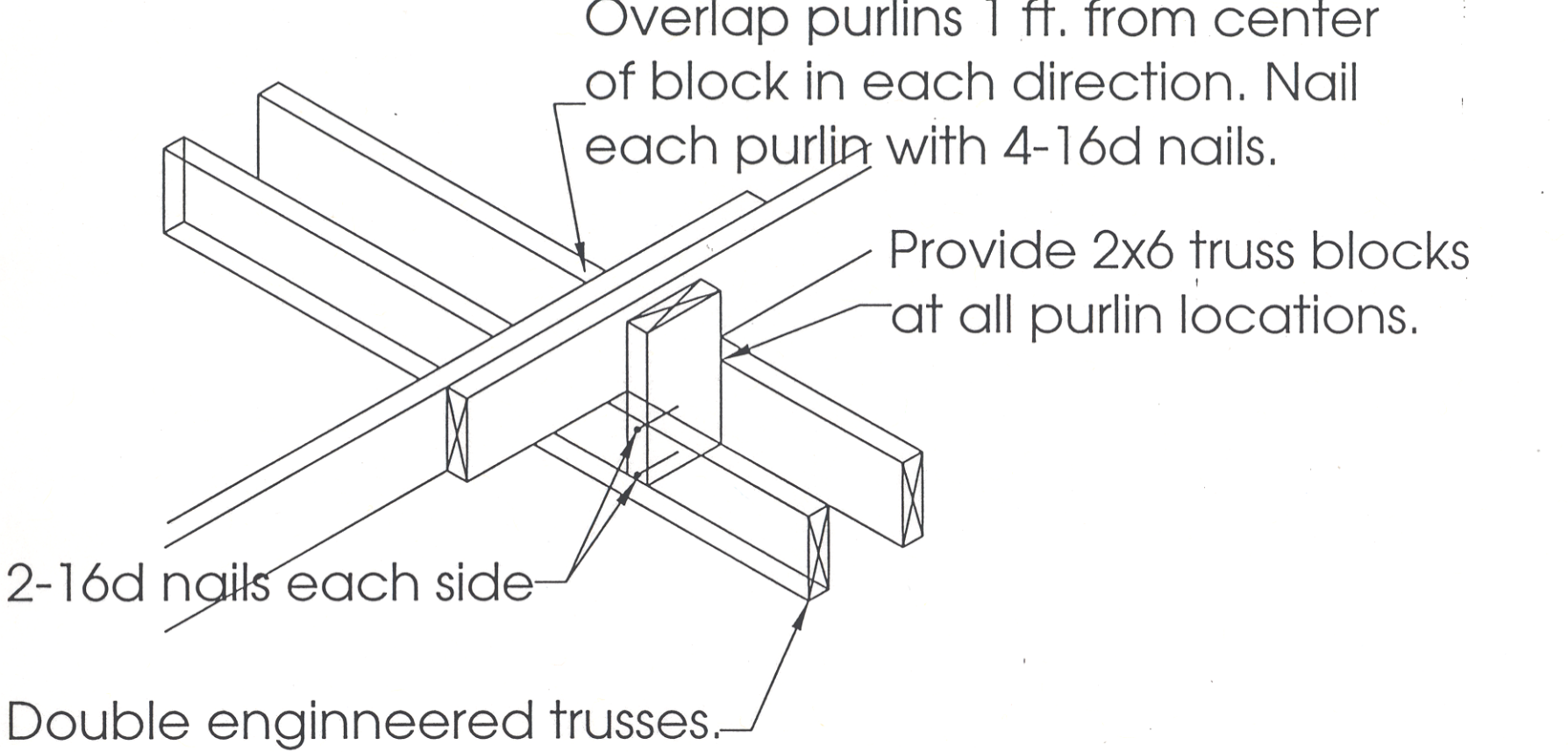


PRE-ENGINEERED TRUSS

3/4" THROUGH BOLT WITH
WASHERS AND NUTS

6X8 PRESSURE TREATED POST

NOTE: SCAB BLOCK AND
BOLTING REQUIRED AT ALL
POSTS INCLUDING END
WALL POSTS.



Purlin truss blocking detail

Width

30 Ft. Maximum

10'

Maximum

Note: If end posts are spaced greater than 10 ft. on centers engineered roof trusses must be used. End wall trusses and rafters are required to be bolted same as interior trusses or rafters.

Maximum

12'

Length
Unlimited

Floor Plan

